

### AMENDMENTS TO THE CLAIMS

Pursuant to 37 C.F.R. § 1.121 the following listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended): A system for automatic context management for testing, monitoring and automating a network applications, ~~comprising network applications with~~ application having client side executable code ~~execution~~, said system comprising:

a ~~testing, monitoring, or automating~~ tool operable to parse said client side executable code so as to determine a subsequent state of the network application free of interaction with a user;

~~a context full API for a replay engine of said tool; and~~

a recorder ~~capable of recording~~ operable to record at least one context-full test script; and

a replay engine of said tool having a context-full API, said replay engine being capable of ~~executing~~ operable to execute said context-full test script.

2. (Original): The system according to claim 1, wherein said context-full API is based on a page-level API.

3. (Currently Amended): The system according to claim 2, wherein said context-full ~~page-level~~ API based on a page-level API comprises an extensible document parser ~~for determining~~ operable to determine at least one parser extension.



10. (Currently Amended): The system according to claim 8, wherein each of said parser ~~addition~~ additions of said library of parser additions implements an algorithm for parsing forms from a HTML document.

11. (Currently Amended): The system according to claim 8, wherein each of said parser ~~addition~~ additions of said library of parser additions implements an algorithm for parsing embedded documents from a HTML document.

12. (Original): The system according to claim 9, wherein said algorithm parses hyperlinks by searching text between a left and a right boundary string.

13. (Original): The system according to claim 2, wherein said context-full API comprises form merging replay instructions.

14. (Currently Amended): The system according to claim 13, wherein said form merging instructions comprise:

a reference to a form in a previously downloaded web page, said form in said previously downloaded web page being an HTML form;

a reference to a form in said at least one context-full test script, said form in said at least one context-full test script being a script form; and

instructions for merging said HTML form and said at least one context-full script form to produce a form to be submitted.





each of said parser additions of said library of parser additions implements a specific parsing algorithm; and

said recorder is operable to detect ~~detects~~ which one of said parser extensions is to be recorded by querying each of said parser additions for suitable parameters.

23. (Currently Amended): The system according to claim 1, wherein said recorder is operable to record ~~records~~ form merging instructions by performing fuzzy form detection.

24. (Currently Amended): The system according to claim 23, wherein said recorder is operable to perform ~~performs~~ fuzzy form detection by comparing a form being submitted to all forms in a session history, operable to choose ~~choosing~~ a form from said session history which is most similar to said form being submitted; and further operable to record ~~recording~~ said form merging instructions so that said recorded form merging instructions applied to said form chosen from said session history result in a form identical to said form being submitted.

25. (Currently Amended): The system according to claim 1, wherein said replay engine is operable to execute ~~executes~~ said context-full test script, said context-full test script comprising parser extensions and form merging instructions.

26. (Currently Amended): The system according to claim 25, wherein said replay engine ~~keeps~~ is operable to track of a session history by building representations of all web pages downloaded so far during a replaying session.



a processor; and

a memory storing processing instructions for controlling the processor, the processor operative with the processing instructions to:

record at least one context-full test script; and

execute said context-full test script using a context-full API for a replay engine of a ~~testing, monitoring, or automating~~ tool, said tool operable to parse said client side executable code so as to determine a subsequent state of the network application free of interaction with a user.

30. (Currently Amended): A device for automatic context management for testing, monitoring and automating a network applications, ~~comprising network applications with~~ application having client side executable code ~~execution~~, said device comprising:

a processor; and

a memory storing processing instructions for controlling the processor, the processor operative with the processing instructions to:

record at least one context-full test script;

determine at least one parser extension using an extensible document parser of a context-full page-level API for a replay engine of a ~~testing, monitoring, or automating~~ tool, said tool operable to parse said client side executable code so as to determine a subsequent state of the network application free of interaction with a user;

include a replay instruction specifying at least one parser addition and parameters for said parser addition in said at least one parser extension;





HTML form; a reference to a form in said test script, said form in said test script being a script form; and instructions for merging said HTML form and said script form to produce a form to be submitted; and

execute said context-full test script using said context-full page-level API for said replay engine.